

Title (en)

WATER-BASED LUBRICANT COMPOSITION HAVING ADJUSTED LOW TO HIGH VISCOSITY

Title (de)

NIEDRIGVISKOS BIS HOCHVISKOS EINGESTELLTE WASSERBASIERTE SCHMIERSTOFFZUSAMMENSETZUNG

Title (fr)

COMPOSITION DE LUBRIFIANT À BASE D'EAU PEU À FORTEMENT VISQUEUSE

Publication

**EP 2250244 A1 20101117 (DE)**

Application

**EP 09713978 A 20090302**

Priority

- EP 2009001462 W 20090302
- DE 102008011781 A 20080228

Abstract (en)

[origin: WO2009106359A1] Disclosed is a monophasic water-based lubricant composition which has an adjusted low to high viscosity, contains an average of more than 80 percent by weight of water, is free of mineral oil, and contains a polymeric lubricant that is water-soluble at temperatures ranging approximately from 10 to 90°C.

IPC 8 full level

**C10M 173/02** (2006.01); **C10N 30/02** (2006.01); **C10N 30/06** (2006.01); **C10N 40/04** (2006.01); **C10N 40/08** (2006.01); **C10N 40/22** (2006.01)

CPC (source: EP)

**C10M 173/02** (2013.01); **C10M 2207/022** (2013.01); **C10M 2207/10** (2013.01); **C10M 2209/104** (2013.01); **C10M 2209/105** (2013.01); **C10M 2209/12** (2013.01); **C10M 2209/126** (2013.01); **C10M 2215/042** (2013.01); **C10M 2215/222** (2013.01); **C10M 2217/0213** (2013.01); **C10M 2217/024** (2013.01); **C10M 2217/028** (2013.01); **C10M 2219/104** (2013.01); **C10M 2219/106** (2013.01); **C10M 2223/04** (2013.01); **C10M 2229/02** (2013.01); **C10N 2030/02** (2013.01); **C10N 2030/06** (2013.01); **C10N 2030/64** (2020.05); **C10N 2040/04** (2013.01); **C10N 2040/08** (2013.01); **C10N 2040/22** (2013.01)

Citation (search report)

See references of WO 2009106359A1

Citation (examination)

- WO 2005123888 A1 20051229 - FRAUNHOFER GES FORSCHUNG [DE], et al
- DE 2734906 A1 19780209 - SINGER & HERSCH INDUSTRIAL DEV

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

**DE 102008011781 A1 20090903**; BR PI0908001 A2 20190924; DE 202009018507 U1 20111206; EP 2250244 A1 20101117; WO 2009106359 A1 20090903

DOCDB simple family (application)

**DE 102008011781 A 20080228**; BR PI0908001 A 20090302; DE 202009018507 U 20090302; EP 09713978 A 20090302; EP 2009001462 W 20090302